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 TI Foamed concrete building blocks with high **fly ash**
 content and their manufacture
 IN Lu, Chongde
 PA Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.
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 CC 58-4 (Cement, Concrete, and Related Building Materials)
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AB The foam concrete building blocks are manufd. from a mixt. contg.
fly ash 30-60, **cement** 20-45, quicklime 5-20,
 filler (sand, crushed **slag**, carbide **slag**, etc.) 5-20,
 activator (Na₂SiO₃ or Na₂S₂O₃) 5-20, foaming agent (rosin pyrolytic
 polymer, SDBS, etc.) 0.18-0.25, additive (CaCl₂, NaCl, quicklime,
 Na₂S₂O₃,
 etc.) 0-0.8, and water. The prodn. process comprises mixing **fly**
ash, **cement**, quicklime, filler, activator, additive, and
 water for 3-5 min, adding foaming paste (prepd. by mixing foaming agent
 with water at a ratio of 1:35-50), stirring for 8-15 min, pouring into
 mold, solidifying for 5-8 h, cutting, demolding, and curing by covering
 with vinyl house or black plastic film for 7-24 d. Hollow building
 blocks
 can be made by vacuumizing before cutting.
 ST building block foam concrete **fly ash**; foam building
 block concrete **fly ash**; concrete building block foam
fly ash; **fly ash** building block foam
 concrete
 IT